Earthdata UTC Meeting 3.4.2014

Announcement

Trying something new today, I will not be taking attendance. Please make a comment at the bottom of this agenda to record your attendance. (I started as an example.)

Earthdata/URS (3:00 PM)

1. URS Survey Status
2. Earthdata URS4 Migration Status
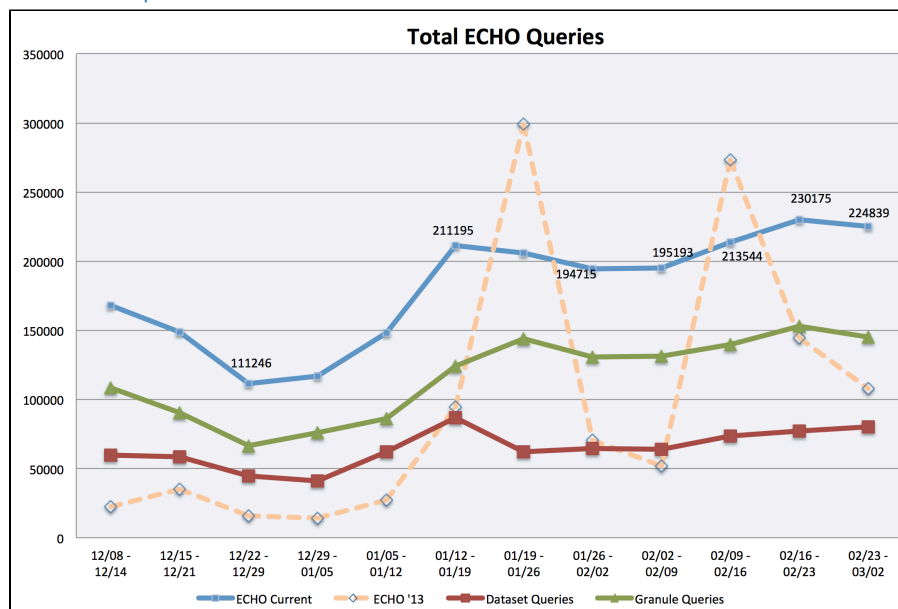

ECHO (3:20 PM)

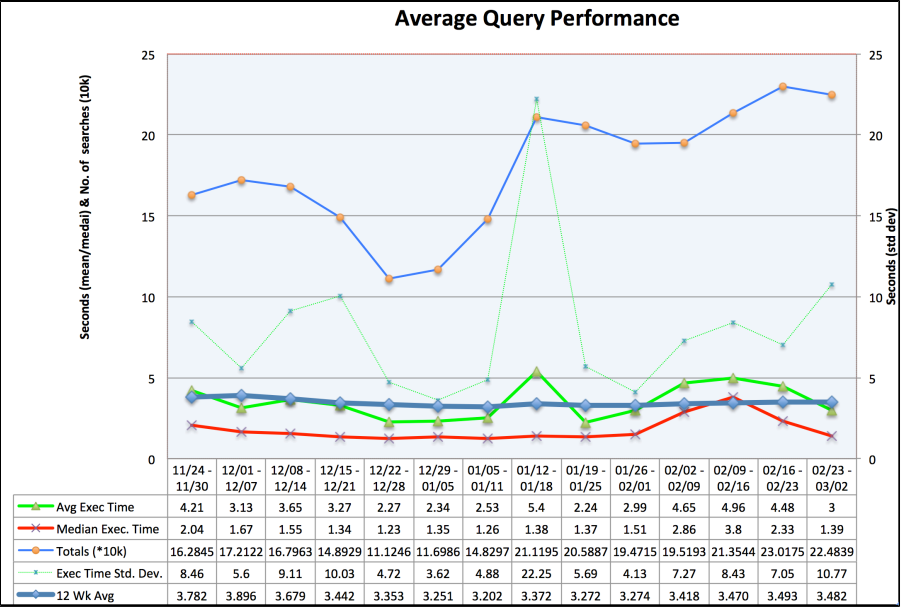### ECHO System Status

System Issues

- 02/27 node recycle resulted in indexing message queue registration failure. Indexing operations backed up over 3 days causing indexing failures at LaRC and NSIDC. Resolved.
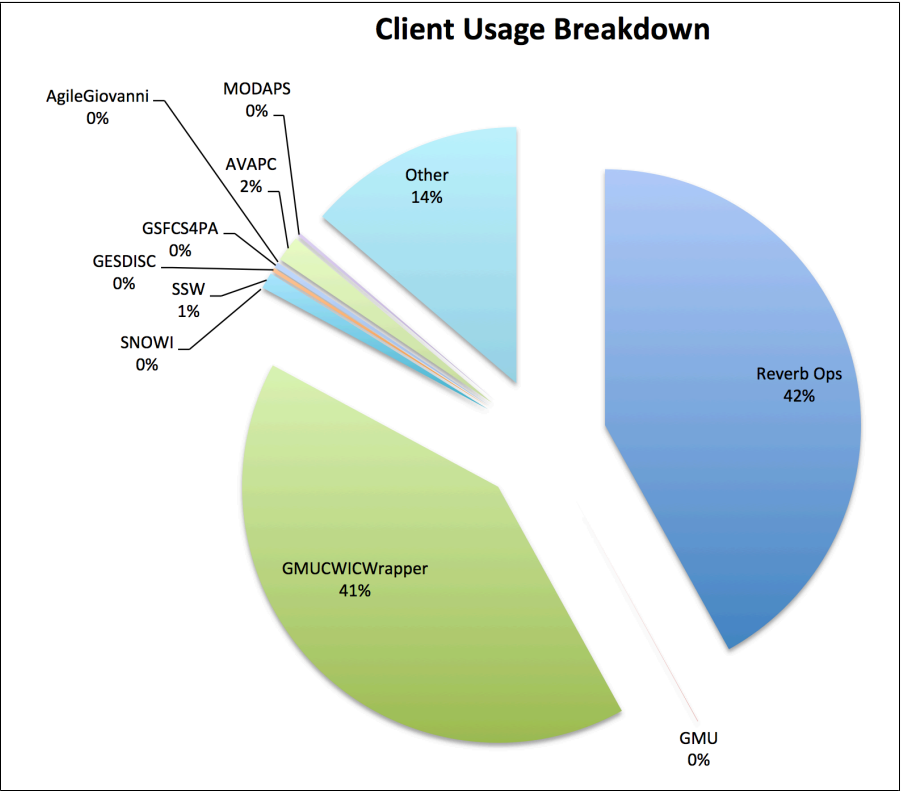
Recent Metrics

⌄ Click here to expand...

Total ECHO Queries

Average Query Performance

	11/24 - 11/30	12/01 - 12/07	12/08 - 12/14	12/15 - 12/21	12/22 - 12/28	12/29 - 01/05	01/05 - 01/11	01/12 - 01/18	01/19 - 01/25	01/26 - 02/01	02/02 - 02/09	02/09 - 02/16	02/16 - 02/23	02/23 - 03/02
Avg Exec Time	4.21	3.13	3.65	3.27	2.27	2.34	2.53	5.4	2.24	2.99	4.65	4.96	4.48	3
Median Exec. Time	2.04	1.67	1.55	1.34	1.23	1.35	1.26	1.38	1.37	1.51	2.86	3.8	2.33	1.39
Totals (*10k)	16.2845	17.2122	16.7963	14.8929	11.1246	11.6986	14.8297	21.1195	20.5887	19.4715	19.5193	21.3544	23.0175	22.4839
Exec Time Std. Dev.	8.46	5.6	9.11	10.03	4.72	3.62	4.88	22.25	5.69	4.13	7.27	8.43	7.05	10.77
12 Wk Avg	3.782	3.896	3.679	3.442	3.353	3.251	3.202	3.372	3.272	3.274	3.418	3.470	3.493	3.482

Attendance

Name	Organization
Kathleen Baynes	ECHO

Team Calendars

Client Usage Breakdown

- AgileGiovanni 0%
- MODAPS 0%
- AVAPC 2%
- GSFCS4PA 0%
- GESDISC 0%
- SSW 1%
- SNOWI 0%
- Other 14%
- Reverb Ops 42%
- GMUCWICWrapper 41%
- GMU 0%

ECHO Release Status

∨ In Operations: 10.73

(3 week sprint, ended 1/24, pushed to Operations 2/19)

Number	Folder Name	Summary	Status
11013284	Reverb	Reverb Granule Detail Browse jpeg not displayed with I.E. 9	Closed (Customer Verified)

11014218	Reverb	Submitting order for granules with the same dataset ID but different providers causes 404 errors	Closed (Operations Verified)
11014268	Unplanned	Echo Forms select control should support help text	Needs Customer Verification, not assigned
11014279	Reverb	Visualization: Image View: Include an "Add All to cart" button and and "Add All on this Page to Cart" button	Closed (Operations Verified)
11014304	Reverb	Reverb: Remove order(legacy) button	Closed
11014310	Reverb	MODIS/Aqua Snow Cover Daily L3 Global 500m SIN Grid V005 granule ordering in new workflow has bogus and non-functional elements	Closed (Operations Verified)
11014321	Catalog-rest	Update ECHO ISO Translation for MENDS NASA ISO Flavor	Closed (Internally Verified)
11014335	Reverb	Removing a single item from a large cart takes a VERY long time, and has no associated spinner	Closed (Operations Verified)
11014336	Reverb	Reverb: Visualization: Image View: non-browsable granules have no legends or the same size as browsable granules	Closed (Operations Verified)
11014338	Unplanned	TS1: LMdiE - ECHO gives granule does not exist error, but scenes still show up in Reverb	Closed
11014340	Unplanned	ECHO forms group separator line covers text	Closed (Operations Verified)
11014350	Unplanned	Catalog REST JSON ATOM response is missing inherited flag in links.	Needs Customer Verification, not assigned
11014355	Unplanned	PUMP: Partner-Test: Can't associate new collection in ECHO to an ACL	Closed (Customer Verified)
11014360	**Backported to 10.72**	Internet explorer is modifying some namespaces in forms output	Closed (Operations Verified)
11014363	**Backported to 10.72**	Order Workflow: Add Additional Order Options tab showing up when duplicate setting is not checked.	Needs Customer Verification, not assigned
11014366	**Backported to 10.72**	Reverb creating invalid XML when a default namespace is provided	Closed (Operations Verified)
11014372	Unplanned	New Order Workflow: Change the text on the Order Options Tab	Closed (Customer Verified)

11014373	Unplanned	Adding granules to multiple datasets via the map view results in null or incorrect dataset_ids in shopping cart.	Closed (Operations Verified)
11014374	Unplanned	selectref controls in ECHO forms cause invalid XML	Closed (Operations Verified)
11014379	Unplanned	Invalid parameters cause dataset -> search granules to fail in the html view.	Closed (Operations Verified)
11014381	Unplanned	MERIS Form tool not working for new users.	Closed (Operations Verified)
11014385	Unplanned	ESI - orders throw "Your submission failed" errors	Closed (Customer Verified)
11014386	**Backported from 10.74**	Map View Legend Text is hard to read in PT	Closed (Operations Verified)
11014391	**Backported from 10.74**	New Order Workflow: Change text at the top of the order page.	Closed (Customer Verified)
11014396	**Backported from 10.74**	FTP Script is not generated.	Needs Customer Verification, not assigned
11014397	**Backported from 10.74**	Deleting granules from the new ordering page does not update counts	Closed (Operations Verified)
11014398	**Backported from 10.74**	Remove all items button on new ordering page not working	Closed (Operations Verified)
11014401	**Backported from 10.74**	Update DIF -> ECHO Mapping	Closed (Operations Verified)
11014408	**Backported from 10.74**	Order Workflow: Update Contact Information Display	Closed (Operations Verified)
11014412	**Backported from 10.74**	Order Workflow: Wording change and css tweak	Closed (Operations Verified)
11014414	**Backported from 10.74**	Reverb's "Map View" South Pole Stereographic not displaying granule geometry correctly	Closed (Operations Verified)
11014420	**Backported from 10.74**	Granule results page displaying Timeline view text before JavaScript loads	Closed (Operations Verified)
11014434	**Backported from 10.74**	Phone number not validating upon user login when you are ordering items in NOW	Fixed, assigned to Velapoldi, Jon R

⌄ In Test: 10.74

(3 week sprint, ended 2/14, pushed to Testbed 2/19)

Number	Folder Name	Summary	Status
11011999	Reverb	Reverb:Map should auto zoom to an extent where selected footprints can be quickly located on the map view	Fixed, not assigned

11014246	Unplanned	reverb service requests on multiple collections ignore all but the first collection	Fixed, assigned to Djuric, Nemanja
11014305	Unplanned	OPS: ECHO: Reverb order submitted and received a total of 18 notices that the request has moved from the various stages	Fixed, assigned to Djuric, Nemanja
11014317	Echo-forms	Handle element namespacing in echoforms gracefully	Closed (Operations Verified)
11014322	Echo-forms	ECHO forms failing due to absolute xpath in group ref	Closed (Operations Verified)
11014323	Echo-forms	ECHO forms select items blank label behavior changed	Closed (Operations Verified)
11014351	Catalog-rest	AQL should support echo-collection-id when searching for granules or collections.	Fixed, assigned to Djuric, Nemanja
11014354	Unplanned	Reverb: Can add collection level metadata to shopping cart even though LP DAAC doesn't allow collections to be ordered	Fixed, assigned to Djuric, Nemanja
11014358	Unplanned	No route matches /stylesheets/page/ie-style.css	Fixed, assigned to Djuric, Nemanja
11014361	Unplanned	OrderProcessingService(Kernel) is not handling state changes to its current state acceptably	Fixed, assigned to Velapoldi, Jon R
11014365	Catalog-rest	catalog-rest facets for science keywords produce incorrect counts	Fixed, assigned to Velapoldi, Jon R
11014369	Catalog-rest	AND option for dataset search	Closed (Operations Verified)
11014370	Catalog-rest	Return search facets with dataset results	Fixed, assigned to Velapoldi, Jon R
11014375	Reverb	Visualization: Remove the "Use Current Timeline for Search" button from Timeline View	Needs Operations Verification, not assigned
11014378	Reverb	Map in the granule results page is skewed in Partnertest	Closed (Operations Verified)
11014386	**Backported to 10.73**	Map View Legend Text is hard to read in PT	Closed (Operations Verified)
11014388	Unplanned	catalog-rest should allow search via POST with application/x-www-form-urlencoded parameters	Fixed, assigned to Velapoldi, Jon R
11014391	**Backported to 10.73**	New Order Workflow: Change text at the top of the order page.	Closed (Customer Verified)

Number	Folder Name	Summary	Status
11014396	**Backported to 10.73**	FTP Script is not generated.	Needs Customer Verification, not assigned
11014397	**Backported to 10.73**	Deleting granules from the new ordering page does not update counts	Closed (Operations Verified)
11014398	**Backported to 10.73**	Remove all items button on new ordering page not working	Closed (Operations Verified)
11014401	**Backported to 10.73**	Update DIF -> ECHO Mapping	Closed (Operations Verified)
11014404	Unplanned	Reverb:MapView: Disable 'crosshair' icon on MapView 'Map Legend' when granules have orbit spatial data	Needs Operations Verification, not assigned
11014405	Unplanned	Visualization: Image View rendering issues	Needs Operations Verification, not assigned
11014408	**Backported to 10.73**	Order Workflow: Update Contact Information Display	Closed (Operations Verified)
11014412	**Backported to 10.73**	Order Workflow: Wording change and css tweak	Closed (Operations Verified)
11014414	**Backported to 10.73**	Reverb's "Map View" South Pole Stereographic not displaying granule geometry correctly	Closed (Operations Verified)
11014420	**Backported to 10.73**	Granule results page displaying Timeline view text before JavaScript loads	Closed (Operations Verified)
11014434	**Backported to 10.73**	Phone number not validating upon user login when you are ordering items in NOW	Fixed, assigned to Velapoldi, Jon R
11014467	**Backported from 10.75**	Change Submit Order button Incorrect/missing information popup text	Fixed, assigned to Velapoldi, Jon R
11014472	**Backported from 10.75**	Science Keywords search returns error when index is not specified.	Closed (Operations Verified)

∨ In Development: 10.75

(3 week sprint, ending 3/7)

Number	Folder Name	Summary	Status
11005426	Reverb	Reverb Enhancement: Simple MODIS tile search	Open, assigned to Dadi, Upendra
11012113	ECHO	PUMP must be able to create providers of type CATALOG-REST	Fixed, not assigned
11013318	Reverb	Reverb Download option downloads all data about a granule, not just the data.	Fixed, not assigned
11014319	Catalog-rest	ATOM results should put all namespace declarations in the feed element.	Open, not assigned

11014353	Reverb	ECHO:REVERB: Browse display does not function correctly in IE10	Fixed, not assigned
11014387	Reverb	Reverb displaying granules with bounding rectangles crossing the antimeridian incorrectly	Open, assigned to Dadi, Upendra
11014409	Catalog-rest	Dataset search include "has granules" field	Open, assigned to Sun, Bo
11014410	Reverb	NRT Icon should link to a dialog overlay or help hover text	Fixed, not assigned
11014411	Catalog-rest	Update ECHO ISO Translation for MENDS NASA ISO Flavor	Fixed, not assigned
11014415	Catalog-rest	catalog-rest returns 500 error when querying for keywords matching a single plus sign	Fixed, not assigned
11014421	Reverb	Poorly formatted order workflow page prior to JavaScript loading	Fixed, not assigned
11014423	Non-development	Reverb 10.72.5. Partner Test Reverb performance is slow	Open, not assigned
11014425	Reverb	'All Times must be specified in GMT' on reverb front page not rendered correctly in Chrome	Fixed, not assigned
11014429	ECHO	Retire shared infinispan caching from our torquebox deployments	Open, assigned to Durbin, Chris
11014435	Reverb	Gracefully fail New Order Workflow if error with any SOAP calls	Fixed, not assigned
11014438	Echo-rest	ECHO REST API should allow bulk operations on order items	Open, not assigned
11014439	Echo-rest	ECHO REST API should provide concise data access information	Open, not assigned
11014441	Echo-rest	ECHO REST API should provide more assistance in creating service orders	Open, not assigned
11014444	Catalog-rest	Add REST parameter for DIF Entry ID search	Fixed, not assigned
11014447	Forms	echo forms with '.' in element names fail in IE	Open, assigned to Cuadrado, Catalino
11014454	Non-development	**Remove support for unused conditions in IIMSAQL**	Open, assigned to Baynes, Katie
11014460	Non-development	**Remove support for searching with a polygon with holes**	Open, assigned to Baynes, Katie
11014466	ECHO	Investigate search performance and why it is creeping up to an average of nearly 5 seconds	Fixed, not assigned

11014467	**Backported to 10.74**	Change Submit Order button Incorrect/missing information popup text	Fixed, assigned to Velapoldi, Jon R
11014469	Unplanned	Change new_test_form rendering trigger to button.	Open, assigned to Cuadrado, Catalino
11014472	**Backported to 10.74**	Science Keywords search returns error when index is not specified.	Closed (Operations Verified)
11014481	Unplanned	Internal Error when displaying Reverb granule on map	New(Work Item), assigned to Durbin, Chris

ECHO Discussion Topics

ECHO-hosted Browse

Still looking for feedback from DAACs regarding ECHO-hosted browse.

New Topic: Search Parameter Retirements

In preparation for the CMR and increasing search performance, we have looked closely at supported search parameters within ECHO and the frequency of their usage. Here is an excerpt from related NCRs (11014454 and 11014460):

> The IIMSAQLQueryLanguage format contains many parameters that are **not supported through the query parameter based API**. Some of these parameters are **never used by clients**. I used Splunk to verify that the following parameters have not been used in the last year.
> ...
>
> CMR Phase 1 requirements are underway and implementation is coming soon. Supporting features that are never used is expensive. We should identify and remove these features before the CMR if only to validate that these features aren't needed. The amount of effort to remove these should be minimal.
>
> ...
>
> I would also like to consider removal of the negated feature in IIMSAQL which allows negating any granule or collection condition.
>
> ...
>
> IIMSAQL currently supports searching with polygons with holes. The parameter based API does not. I checked Catalog REST logs via splunk and there have been no searches over the past year using a polygon with a hole other than a test query I did yesterday (2/18)
>
>
> ****** REVIEWER NOTE******
> **These features will not be supported in the CMR unless this NCR is rejected. Please indicate during review whether this is acceptable or not.**

Search Parameters Targeted for Removal (both from REST API and AQL Support):

> NOTE: This data will **not** be removed from any metadata, it will simply not be supported as a top tier search parameter.

- ECHOInsertDate
- temporalKeywords*

*temporalKeywords was used a single time in the last year by a single user, producing zero returned results

- measuredParameters
- PGEName
- PGEVersion
- ECHOInsertDate
- providerInsertDate
- providerProductionDate

ECHO Upcoming Events

Planned Maintenance 3/4/2014

1. Misc OS patching causing outage of some non-redundant systems in OPS and PT (EIAT and echo-hosted browse)

2. Oracle patching in TB (outage)

Open Floor